

Software Engineering

An Abstract Summary

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“Your writing is both inspirational and motivating...”

Halima Sarki

Abuja Nigeria

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Introduction

In The Name of Allah, The Entirely
Merciful The Especially Merciful

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This is a book about briefing the
steps carried out in a Software

Engineering Project, from Conception
to Completion- by the will of Allah.

The essence of Software
Engineering, is to get i.e. a big
Software Project methodically, from
conception/ requirements elicitation
to completion i.e. deployment,
maintenance and documentation(in
some of the Software Methodologies)

I have purposely kept it short,
for brief reading.

Text(Matn)

All praises be to Allah and
salutations and peace be upon the
Prophet Muhammad, His Family, His
Companions and all those that follow
him until the day of Judgement

To proceed

General Cycle of a Software

Engineering Project

1. Requirements specification
2. Objectives of the new Project
3. Design i.e.: prototyping,
wireframe diagrams, use of
UML(unified modelling language)
etc.

4. Software programming/

Implementation of the actual code
for the Software

5. Testing the Software i.e.

a) unit testing

b) black box testing

c) White box testing etc.

6. Deployment- i.e.

Making the software live to to the
end users

a. i.e. continuous Integration and Deployment(CI/ CD) as in the Agile Methodology

b. In the waterfall model, generally deployment happens only once in in the project.

7. Documentation:

This is done more in the Waterfall model for example.

8. Maintenance (of the Software System)

FINAL PRAYER

All Praises abundant and plentiful
belong to Allah, and peace be upon
his final Messenger Muhammad,
peace and blessings be upon him,
his family, his companions and all of

those that follow them till the day of
Judgement.

FINAL WORD

If you liked the reflective quotes,
check out in the links below what
was part of the fruits of this work:

1. www.edriskibalama.com

A website on creatively designed inspirational quotes images and a [portfolio](#) section outlining my achievements thus far.

2.

[www.muslimhomeschoolsoftware.co
m](http://www.muslimhomeschoolsoftware.com)

A website on Home Educational
Software for children with an
Islamised and Ethical curriculum

3.

[www.intelligentmindsconsultancy.co
m](http://www.intelligentmindsconsultancy.com)

A website on IT support,
WordPress support and IT
consultancy

4. www.eddykibs.com

More of my inspirational quotes
merchandise

5. To contact me and see my works:

www.linkedin.com/in/edriskibalama/

5. Other published books

Search: “Edris Kibalama” on

www.amazon.co.uk

Bonus Chapter 1

3 types of souls

1. Mutma innah- Surah Fajr Verse

27(The break of day or The Dawn)

2. Lawwaamah- Chapter 75 Surah
Qiyaamah(The Resurrection) Verse 2

3.Amru bissuw-

Hisnul Muslim- Qahtani

3 types of hearts

1. Qalbun Saliim(A sound heart)

2. Qalbun Mareedh(A sick heart)

Oh Allah give us a complete cure
that leaves no illness Ameen.

3. Qalbun Mayyit(A dead heart)

May Allah protect us from this
Ameen

Bonus Chapter 2

All praises be to Allah and
salutations and peace be upon the
Prophet Muhammad, His Family, His

Companions and all those that follow
him until the day of Judgement

To proceed

1. If you don't let go to worldly love,
you'll never know which relationship
is meant to be permanent, and
which was meant to be temporary;
for the good of yourself.

Take the example of Prophet Ibrahim (upon him be peace and Salaam):

The important thing (wa Allahu A'laam/ and Allah knows best) is that Allah wanted Ibrahim ('aleihimussalaatu wa salaam/ upon him be peace and Salaam) to sacrifice the love of his son from his own heart.

Like the story of the 2 sons of Adam; Allah wanted to see who would part from the dunia/worldly life from their hearts (wa Allahu

A'laam/ and Allah knows best), by giving their best possessions i.e. the crops

Allah is Assamad(He is in need of noone/nothing, but all are in need of him).

So the conclusion is that Allah wants us to go to Him with Qalbun Salim(a pure heart).

May Allah allow us to live and die with Qalbun saliim(a pure heart)

May Allah guide us all

Ameen

Bonus Chapter 3

All praises be to Allah and
salutations and peace be upon the
Prophet Muhammad, His Family, His

Companions and all those that follow
him until the day of Judgement

To proceed

Fronting wouldn't be such an
accurate name for 'gra gra', as they
call it in Nigeria.

In Nigeria, the social system/
system of daily interaction/
operation is set by the people(of-

course by the permission of Allah), in their own way.

Trying to compare Nigeria with another country is like trying to compare tomatoes and potatoes, they are not the same; a vegan would definitely tell you that. Some Nigerians will go as far as telling you that:

“There are the Blacks, the whites, and then the Nigerians “

or thereabout, which in my (almost
a) years experience in Nigeria, I
would definitely agree with this
idiom. This is from the angle of
Nigeria and its people

I can categorically say that
gragra is a spiritual system that
Nigerians use to carry out their day
to day tactical activities and
strategies.

I must admit, I've never seen any system in the world so solid.

Much of their tactics and strategies(...) with regards to the 'gragra' is not even written down.

Gragra is a spiritually etched system in the souls of the people living in Nigeria (both Nigerians and foreigners who have assimilated long enough in Nigeria).

As a practising Muslim(by the permission of Allah), I only wished to analyse the positive side of this so-called gragra.

In conclusion, at the end of the
gragra, you get all the things you
need(by the will of Allah), not
necessarily what you
want(especially if it is not good for
you). This is from an Islamic and
spiritually inclined point of view.

Just as a final warning:

**Nigeria is not for the faint-
hearted nor the dumb-witted.**

**You also have to have contacts
in high places to (generally)
positively live there.**